

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8139	(acoustic\$4 or sonic\$4 or sound\$3 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$3) same "tear-off strip" or "tear-off thread" same "material web" or "film web"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L2	560752	transmitter or transducer near5 lobe or response adj1 curve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L8	19	"4682038"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L9	0	"4682038.PN."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L10	0	"4682038.pn."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L16	324902	sonic\$4 or sound\$3 or ultrasonic\$4 or ultrasound\$3 near5 transmitter or transducer same lobe or response adj2 curve same width near5 strip	USPAT	OR	ON	2007/05/22 20:23
L18	324888	sonic\$4 or sound\$3 or ultrasonic\$4 or ultrasound\$3 near5 transmitter or transducer same lobe or response adj2 curve same width near5 "tear-off strip"	USPAT	OR	ON	2007/05/22 20:23
L19	118815	"73"/\$.ccls.	USPAT	OR	ON	2007/05/22 20:23
L20	14914	L18 and L19	USPAT	OR	ON	2007/05/22 20:23
L21	166088	transmitter or transducer same lobe or response adj2 curve same width near5 "tear-off strip"	USPAT	OR	ON	2007/05/22 20:23
L22	165261	transmitter or transducer near3 (lobe or response) adj2 curve same width near5 "tear-off strip"	USPAT	OR	ON	2007/05/22 20:23
L23	0	(transmitter or transducer) adj2 (lobe or response) near1 curve same width near5 "tear-off strip"	USPAT	OR	ON	2007/05/22 20:23

EAST Search History

L24	0	(transmitter or transducer) adj2 (lobe or response) near2 curve same width near5 "tear-off strip"	USPAT	OR	ON	2007/05/22 20:23
L25	0	(transmitter or transducer) adj3 (lobe or response) near2 curve same width near5 "tear-off strip"	USPAT	OR	ON	2007/05/22 20:23
L27	23459	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same film nera3 wrapper same reel same pressure near3 roll same pack same "blank cutting unit"	USPAT	OR	ON	2007/05/22 20:23
L28	2611	transmitter near5 "aperture stop" same gap or "outlet area"	USPAT	OR	ON	2007/05/22 20:23
L30	0	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same film near3 wrapper same reel same pressure near3 roll same "cigarette pack" same "blank cutting unit"	USPAT	OR	ON	2007/05/22 20:23
L31	0	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same film near3 wrapper same reel same "cigarette pack"	USPAT	OR	ON	2007/05/22 20:23
L32	0	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same wrapper same reel same "cigarette pack"	USPAT	OR	ON	2007/05/22 20:23
L33	0	(acoustic\$4 or sonic\$4 or ultrasonic\$4 or sound\$3 or ultrasound\$3 or supersonic\$4 or supersound\$3) same wrapper same "cigarette pack"	USPAT	OR	ON	2007/05/22 20:23
L37	17568	transmitter and receiver near5 (infrared or ultrasonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L38	2473	transmitter and receiver near5 (infrared or ultrasonic) same (test\$4 or inspect\$4 or monitor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23

EAST Search History

L39	8737300	transmitter and receiver near5 (infrared or ultrasonic) same (test\$4 or inspect\$4 or monitor\$4) material or web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L40	727587	transmitter and receiver near5 (infrared or ultrasonic) same (test\$4 or inspect\$4 or monitor\$4) same material or web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L41	727437	transmitter and receiver near5 (infrared or ultrasonic) same (test\$4 or inspect\$4 or monitor\$4) near3 material or web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L42	1315998	transmitter and receiver near5 (infrared or ultrasonic) same (test\$4 or inspect\$4 or monitor\$4) near3 packag\$4 or strip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L43	122	transmitter and receiver near5 (infrared or ultrasonic) same (test\$4 or inspect\$4 or monitor\$4) near3 (packag\$4 or strip or web or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L44	230278	"73"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L46	1943	L37 and L44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L48	737975	infrared or ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L49	2553665	infrared or ultrasonic same alternat\$4 or replac\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L50	3844772	infrared or ultrasonic or ultrasound near3 inspect\$4 or test\$4 or monitor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23

EAST Search History

L51	93302	L44 and L50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L52	3434419	infrared near3 ultrasonic or ultrasound or acoustic near5 inspect\$4 or test\$4 or monitor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L53	85522	L44 and L52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L54	3399686	(laser or light or infrared or acoustic ultrasonic or ultrasound) adj2 inspect\$4 or test\$4 or monitor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L55	2294822	(laser or light or infrared) adj2 (acoustic ultrasonic or ultrasound) adj2 inspect\$4 or test\$4 or monitor\$4 near3 (transmitter and receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L56	65804	L44 and L55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L61	72824	(radiation or light) adj2 transmitter and receiver near5 ultrasonic or ultrasound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L62	9947	(radiation or light) adj2 transmitter and receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L63	73213	L62 and ultrasonic or ultrasound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L65	230278	"73"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23

EAST Search History

L66	276508	(ultrasonic or ultrasound) adj2 energy or signal near3 (infrared or optical or infrared or ultraviolet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L67	230278	"73"/\$.cls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L68	5053	L66 and L67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L69	37943	(ultrasonic or ultrasound) adj2 energy or signal near3 (infrared or optical or infrared or ultraviolet) near3 transmitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L71	8139	(acoustic\$4 or sonic\$4 or sound\$3 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$3) same "tear-off strip" or "tear-off thread" same "material web" or "film web"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23
L73	89674	transmitter near3 curve or lobe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/22 20:23